

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-21 (Canceled)

Claim 22 (Currently Amended): A packaging laminate consisting of two prefabricated laminates and an intermediate adhesive layer, wherein:

- a. the first prefabricated laminate consists of a plastic substrate film coated on both sides with a layer of SiO_xC_y , in which x is within the range of 1.5-2.2 and y is within the range of 0.15-0.80, wherein at least one of the SiO_xC_y layers is formed by vapor deposition on the substrate film by a plasma enhanced chemical vapor deposition method while stretching the substrate film;
- b. the second prefabricated laminate comprises a core layer coated on both sides with a layer of heat-sealable thermoplastic polymer; and
- c. the second prefabricated laminate is bonded to one side of the first prefabricated laminate by an intermediate adhesive layer.

Claim 23 (Currently Amended): The packaging laminate of claim 22, wherein the SiO_xC_y layers have a thickness of 5 to 500 Å ~~0.5–5.0 μm~~.

Claim 24 (Currently Amended): The packaging laminate of claim 22, wherein the SiO_xC_y layers have a thickness of 100 to 200 Å ~~1.0–2.0 μm~~.

Claim 25 (Previously Presented): The packaging laminate of claim 22, wherein the carbon-containing silicon oxide layers have a cohesion strength of at least 5.7 GPa.

Claim 26 (Previously Presented): The packaging laminate of claim 22, wherein the carbon-containing silicon oxide layers have an interface shear strength with the plastic substrate film of at least 170 MPa.

Claim 27 (Previously Presented): The packaging laminate of claim 22 wherein the substrate film consists essentially of polyethylene terephthalate.

Claim 28 (Currently Amended): The packaging laminate of claim 22, wherein the ~~second prefabricated laminate includes a core layer~~ is of paper or paperboard.

Claim 29 (Currently Amended): A packaging laminate consisting of two prefabricated laminates and an intermediate adhesive layer, wherein:

- a. the first prefabricated laminate consists of a plastic substrate film coated on both sides with a layer of SiO_xC_y , in which x is within the range of 1.7-2.1 and y is within the range of 0.39-0.47, having a thickness of 5 to 500 Å, ~~0.5–5.0 μm~~ wherein at least one of the SiO_xC_y layers is formed by vapor deposition on the

substrate film by a plasma enhanced chemical vapor deposition method while stretching the substrate film;

- b. the second prefabricated laminate comprises a core layer coated on both sides with a layer of thermoplastic polymer heat-sealable within the range of 121°-260°C; and
- c. the second prefabricated laminate is bonded to one side of the first prefabricated laminate by an intermediate adhesive layer.

Claim 30 (Previously Presented): A packaging container consisting of a shaped laminate of claim 22.

Claim 31 (Previously Presented): A packaging container consisting of a shaped laminate of claim 29.

Claim 32 (Currently Amended): A packaging container consisting of a laminate shaped to form the packaging container, said laminate consisting of two prefabricated laminates and an intermediate adhesive layer, wherein:

- a. the first prefabricated laminate consists of a plastic substrate film coated on both sides with a layer of SiO_xC_y , in which x is within the range of 1.5-2.2 and y is within the range of 0.15-0.80;
- b. the second prefabricated laminate comprises a core layer coated on both sides with a layer of heat-sealable thermoplastic polymer; and

c. the second prefabricated laminate is bonded to one side of the first prefabricated laminate by an intermediate adhesive layer;

wherein the SiO_xC_y layer is formed by vapor deposition on the substrate film by a plasma enhanced chemical vapor deposition method while ~~straining~~ stretching the substrate film within a range between an upper limit defined by a point of an initial plastic deformation of the substrate film determined by the Young modulus, and a lower limit defined by a point of any improvement of the cohesion force of the oxide coating and the adhesion force between the oxide coating and the substrate film.

Claim 33 (Previously Presented): The packaging container according to Claim 32, wherein the substrate film consists essentially of polyethylene terephthalate.

Claim 34 (Previously Presented): The packaging container according to Claim 32, wherein the SiO_xC_y layer is formed from a mixture of a vaporized organic silicon compound and oxygen in vacuum and the organic silicon compound is tetramethyl disiloxane.

Claim 35 (Currently Amended): The packaging container according to Claim 32, wherein the SiO_xC_y layers have an interface shear strength with the substrate film of at least 170 MPa ~~[[MPA]]~~.

Claim 36 (Currently Amended): A package blank having crease lines and consisting of a packaging laminate, said laminate consisting of two prefabricated laminates and an intermediate adhesive layer, wherein:

- a. the first prefabricated laminate consists of a plastic substrate film coated on both sides with a layer of SiO_xC_y , in which x is within the range of 1.5-2.2 and y is within the range of 0.15-0.80, wherein at least one of the SiO_xC_y layers is formed by vapor deposition on the substrate film by a plasma enhanced chemical vapor deposition method while stretching the substrate film;
- ~~b. the SiO_xC_y layers are formed by vapor deposition by the plasma chemical vapor deposition method;~~
- b. [[c.]] the SiO_xC_y layers have at least 170 MPa of interface shear strength with the substrate film;
- c. [[d.]] the second prefabricated laminate comprises a core layer coated on both sides with a layer of heat-sealable thermoplastic polymer; and
- d. [[e.]] the second prefabricated laminate is bonded to one side of the first prefabricated laminate by an intermediate adhesive layer.

Claim 37 (Previously Presented): The package blank according to claim 36, wherein the cohesion strength in the SiO_xC_y layers is at least 5.7 GPa.